PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 000004022PCT		FOR FURTHER ACTION as we	see Form PCT/ISA/220 ell as, where applicable, item 5 below.
International app	olication No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/JP2004	1/011216	29/07/2004	31/07/2003
Applicant ' KAO CORPOR	RATION		
according to A	rticle 18. A copy is being to	en prepared by this International Searching Aut ransmitted to the International Bureau.	hority and is transmitted to the applicant
This Internation		s of a total of7sheets. y a copy of each prior art document cited in this	s report.
	egard to the language, the	e international search was carried out on the ba nless otherwise indicated un d er this item.	sis of the international application in the
	this Authority (R	ule 23.1(b)).	lation of the international application furnished to
b	,	·	d in the international application, see Box No. I.
2. <u>X</u>	Unity of invention is la	und unsearchable (See Box II).	
	d to the title,	sking (see box iii).	
4. With regard	•	ubmitted by the applicant.	
	the text has been establi	shed by this Authority to read as follows:	
		•	
5. With regard	d to the abstract,	Lower discount and Brane	
X	••	ubmitted by the applicant. shed, according to Rule 38.2(b), by this Authori	ity as it appears in Box No. IV. The applicant
نت		om the date of mailing of this international sear	
•	ds to the drawings,		
a. the figu		published with the abstract is Figure No.	
	as suggested by	the applicant. his Authority, because the applicant failed to sug	nnest a figure
		his Authority, because this figure better characte	
b. X	none of the figures is to b	be published with the abstract.	

international application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The powder composition for paper manufacturing of the invention contains a hydrophobic organic compound (A), an emulsifying and dispersing agent (B), and optionally water-soluble saccharides (C) and has an average particle diameter of 0,1 to 2,000 µm. Other inventions are a bulking agent for paper comprising an ester of a polyhydric alcohol and a fatty acid, and a particle for paper manufacturing comprising oil droplets enclosed in a water-soluble solid matrix.

International application No. PCT/JP2004/011216

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national Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
because they relate to subject matter not required to be searched by this Authority, namely: .
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: pecause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
national Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is estricted to the invention first mentioned in the claims; it is covered by claims Nos.: $1-5,19$
The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.
A Second

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5,19

A powder composition for paper manufacturing; a method of producing a pulp sheet; use of the powder composition $\,$

2. claims: 6-10

A bulking agent for paper; a method of producing a bulk sheet

3. claims: 11-18

A paper manufacturing chemical agent particle; a method of producing a paper manufacturing chemical agent particle

INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/011216

a. classification of subject matter IPC 7 D21H17/72 D21H17/14 D21H21/22 D21H21/14 B01D1/18 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) D21H IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ° Relevant to claim No. GB 1 221 952 A (RANSBURG ELECTRO-COATING 1,19 Х 1 CORP) 10 February 1971 (1971-02-10) page 1, line 11 - page 3, line 26; figures 1.2; example 6 US 2 341 302 A (WILSON ERNEST S) 8 February 1944 (1944-02-08) 1 Х 1,5,19 page 1, column 2, line 25 - line 49; claims 1,2 US 2 401 090 A (MASHBURN ROBERT T) 1,2,5,19 1 Х 28 May 1946 (1946-05-28) the whole document Χ EP 1 001 082 A (KAO CORP) 1,3-5,19 1 17 May 2000 (2000-05-17) the whole document, in particular paragraph 0017 ΙX Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search M 4. 01. 2005 29 October 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, 2 Nestby, K Fax: (+31-70) 340-3016

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PCT/JP2004/011216

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	107/01/2004/011210		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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